Claims

What is claimed is:

1. A magnetic tension control training machine, having a base, a large revolver wheel,

    a belt disc, an shaft set, bearing assembly, pulley assembly, a magnetic resistance

5   flywheel, a pulling rope and a reposition device, wherein said base has two braces

    for placement of said large revolver wheel and magnetic resistance flywheel, said

    brace's magnetic resistance flywheel is connected to said belt disc through a belt,

    allowing said large revolver wheel to drive said magnetic resistance flywheel, the

    other brace allowing for placement of said large revolver wheel, belt disc, bearing

10   assembly, shaft set and pulley assembly; a pulley assembly designed for said

    pulling rope is placed above said large revolver wheel, characterized in that:

    inside said large revolver wheel's wheel spacer there are bearing assembly

    containing a one-way bearing and two other bearings that fits through a shaft set; a

    wheel spacer is fixed at said large revolver wheel's center, and a shaft disc fixed on

15   the other side of said shaft set fitting through said large revolver wheel fixed with

    said belt disc, allowing said large revolver wheel to connect with said belt disc

    through said shaft set and one side of said large revolver wheel fixed with a small

    revolver wheel;

    a reposition device is placed outside said large revolver wheel's brace having two

20   flex fixtures for placement of said reposition device, one said flex fixture holds an

    adjustment bolt that connects a bracket and the other flex fixture having several

    flexible components that connects to an active pulley, said bracket between said

    two flex fixtures fixes one end of said pulling rope, allowing said pulling rope to

extend through said active pulley and around to said brace's carriage pulley, while the other end fixed at said small revolver wheel;

said pulling rope being pulled about drives said large revolver wheel to rotates, making said small revolver wheel to pull said reposition device's pulling rope, said one-way bearing assembly inside said large revolver wheel making said small revolver wheel through said pulling rope's extended several flex components, bringing said large revolver wheel back to original position.

2. The magnetic tension control weight training machine of Claim 1, wherein said shaft set passing through said bearing assembly uses a snap ring to position said bearing assembly.

3. The magnetic tension control weight training machine of Claim 1, wherein both ends of said shaft set placed on said braces are bolted with flanged housings to enhance said shaft set's immobility.

4. The magnetic tension control weight training machine of Claim 1, wherein said bearing assembly's bearings could be metallic bushings.